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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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09/595,204

06/16/2000

Naokazu Nagasawa

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01/20/2004

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EXAMINER

TRAN, CON P

ART UNIT

PAPER NUMBER

2644

DATE MAILED: 01/20/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/595,204

Applicant(s)

NAGASAWA ET AL.

Examiner

Con P. Tran

Art Unit

2644

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 14 October 2003.
- 2a) ☒ This action is FINAL. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-8 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-8 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. §§ 119 and 120

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.
- 13) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.
a) ☐ The translation of the foreign language provisional application has been received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. **Claims 1-2, 7-8** are rejected under 35 U.S.C. 102(b) as being anticipated by Rahrer et al. U.S. Patent 6,005,927 (hereinafter, "Rahrer").

Regarding **claims 1-2**, Rahrer teaches a telephone terminal device (see Fig. 3, 4 and respective portions of the specification) comprising:

a temporary storage memory (dial buffer 82, Fig. 1) for temporarily storing an inputted telephone number; and a plurality of telephone directories (96, 98, 104, 106; Fig. 2), each of the telephone directories having at least one telephone directory memory, each of the telephone directory memories storing input telephone numbers (col. 1, lines 53-66);

wherein a telephone number stored in the temporary storage memory is registered in at least one telephone directory memory selected from the plurality of the telephone directories after making a call, name and information related to the telephone number registered are added thereto (col. 1, line 53 – col. 2, line 5).

Regarding **claim 7**, Rahrer further teaches the telephone terminal device as claimed in claim 1, wherein the telephone directory memory for registering the telephone number stored in the temporary storage memory after a call is selected manually from the plurality of the telephone directory memories (col. 3, lines 18-30).

Regarding **claim 8**, Rahrer further teaches the telephone terminal device as claimed in claim 1, wherein the telephone directory memory for registering the telephone number stored in the temporary storage memory after a call is selected preliminarily from the plurality of the telephone directory memories so that the telephone number stored in the temporary storage memory is registered automatically in the preliminarily selected telephone directory memory after each call (col. 1, line 53 – col. 2, line 5; col. 2, lines 17-33).

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

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4. **Claims 3-6** are rejected under 35 U.S.C. 103(a) as being unpatentable over Rahrer et al. U.S. Patent 6,005,927 (hereinafter, "Rahrer") in view of Borland (6320,943).

Regarding **claim 3**, Rahrer teaches a telephone terminal device as claimed in claim 1. However, Rahrer does not explicitly disclose wherein data of at least one of the telephone directories are erased automatically after passage of a predetermined time.

Borland teaches in electronic directory (Fig. 1) numbers, which have not been used for a given period of time, may be deleted from the directory (col. 7, lines 6-9) in order to optimize the directory for the particular use of the communication device without significant maintenance by the user (col. 7, lines 9-11).

Therefore, it would have been obvious to one of ordinary skill in the art, at the time the invention was made to incorporate the teaching of Borland within the Rahrer in order to optimize the directory for the particular use of the communication device without significant maintenance by the use, as suggested by Borland in column 7, lines 9-11.

Regarding **claim 4**, Borland further teaches the telephone terminal device as claimed in claim 1, further comprising:

a transmitted telephone number record directory memory (103) for storing a plurality of telephone numbers called; and a buffer directory memory (within 103), whose data are erased automatically after passage of a predetermined time (col. 7,

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lines 6-9), wherein telephone numbers are registered in the transmitted telephone number record directory memory in the order of call, and in the case the number of the telephone numbers to be registered exceeds the number capable of being stored in the transmitted telephone number record directory memory, the telephone number of the oldest registration order or a telephone number specified by the user is displaced from the transmitted telephone number record directory memory to the buffer directory memory for reregistration (col. 7, lines 1-21).

Regarding **claims 5-6**, Borland further teaches be a single memory or multiple memories, which may also be physically separated (col. 4, lines 13-15).

Conclusion

5. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of

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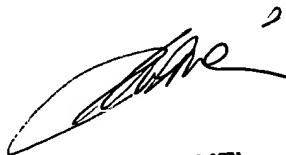
the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Con P. Tran, whose telephone number is (703) 305-2341. The examiner can normally be reached on M - F (8:30 AM - 5:00 PM).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Forester W. Isen can be reached on (703) 305-4386. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 872-9314 for regular communications and (703) 872-9314 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Customer Service Office at telephone number (703) 306-0377.

cpt CPJ
January 12, 2004



**XU MEI
PRIMARY EXAMINER**